FILE 'MEDLINE, HCAPLUS, EMBASE, BIOSIS, BIOTECHDS' ENTERED AT 12:13:24 ON 13 JUL 2004

L1 11 S (ACYL CARRIER PROTEIN OR ACYL-CARRIER PROTEIN OR APO-ACYL CAR

L2 6 DUP REM L1 (5 DUPLICATES REMOVED)

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FULL ESTIMATED COST	22.15	22.78

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.74	-0.74

STN INTERNATIONAL LOGOFF AT 12:19:40 ON 13 JUL 2004

L2 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2000:540760 BIOSIS
DOCUMENT NUMBER: PREV200000540760
TITLE: The use of **fluorescein**-labeled Co-enzyme A for the detection of **acyl carrier protein** synthase (AcpS) activity.
AUTHOR(S): McAllister, K. A. [Reprint author]; Richardson, J. M. [Reprint author]; Zhao, G. [Reprint author]
CORPORATE SOURCE: Eli Lilly and Company, Indianapolis, IN, USA
SOURCE: Abstracts of the Interscience Conference on Antimicrobial Agents and Chemotherapy, (2000) Vol. 40, pp. 225. print. Meeting Info.: 40th Interscience Conference on Antimicrobial Agents and Chemotherapy. Toronto, Ontario, Canada. September 17-20, 2000.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LANGUAGE: English
ENTRY DATE: Entered STN: 13 Dec 2000
Last Updated on STN: 11 Jan 2002

L2 ANSWER 6 OF 6 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
ACCESSION NUMBER: 94079079 EMBASE
DOCUMENT NUMBER: 1994079079
TITLE: Kinetics and specificity of peptide-MHC class II complex displacement reactions.
AUTHOR: De Kroon A.I.P.M.; McConnell H.M.
CORPORATE SOURCE: Department of Chemistry, Stanford University,Stanford, CA 94305, United States
SOURCE: Journal of Immunology, (1994) 152/2 (609-619). ISSN: 0022-1767 CODEN: JOIMA3
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 026 Immunology, Serology and Transplantation
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English
AB The peptide-induced acceleration of the dissociation of pre-formed complexes of the detergent-solubilized mouse class II molecules IE(d) and IE(k) with **fluorescein**-labeled peptides was investigated using high- performance size exclusion chromatography. While it is generally believed that functional complexes of MHC class II .alpha..beta. heterodimers and peptides have a 1:1 stoichiometry, the data provide qualitative as well as quantitative kinetic evidence that the enhancement of the release of one peptide by a second peptide is due to a two-peptide intermediate. Different combinations of peptides were tested for their ability to accelerate each other's release from IE(d). The importance of positive charge for the interaction with IE(d) was confirmed by the finding that not only dynorphin 1-13 but also poly-L- lysine (14-19 mer) and a peptide corresponding to a mitochondrial presequence (net charge +6) efficiently enhance the release of pre-bound peptides. SDS- PAGE analysis revealed that the efficiently displacing peptides do not stabilize the IE(d) .alpha..beta. heterodimer at acidic pH, in contrast to the IE(d)-restricted antigenic peptide HEL 107-116. The data support a mechanism in which the second peptide binds specifically to the pre-formed class II-peptide complex, which, depending on the properties of the peptides involved, leads to the destabilization of the complex and the release of the first peptide.

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(FILE 'HOME' ENTERED AT 12:11:51 ON 13 JUL 2004)